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TRANSMITTAL FORM

10/709,236 **Application Number** 04/23/2004 Filing Date Cheng-Tung Huang First Named Inventor 2813 **Art Unit Examiner Name** NGUYEN, TUAN H

(to be used for all correspondence after initial filing) NAUP0464USA **Attorney Docket Number** Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)							
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53		st Rer	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revoca Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on	tion e Address	After Allowance Communication to Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): 1. The cover page of Patent No. 6,955,929 2. The Notice of Recordation of Patent No. 6,955,929 3. The Deposit Account Statement of Deposit Account 50-3105		
	SI	GNATURE	OF APPLICANT, ATT	ORNEY, OF	RAGENT		
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Printed name	Winston Hsu						
Date MAY 2 2 2006			Reg. No. 41,526				
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FFF TRANSMITTAL

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

Complete if Known				
Application Number	10/709,236	_		
Filing Date	04/23/2004			
First Named Inventor	Cheng-Tung Huang			
Examiner Name	NGUYEN, TUAN H			
Art Unit	2813			
Attorney Docket No.	NAUP0464USA			

METHOD OF PAYMENT (check all that apply)							
Check Credit Card Money Order None Other (please identify):							
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FEE CALCULATION				77-11			
1. BASIC FILING, SE	ARCH, AND	EXAMINATIO	N FEES				
	FILING	FEES	SEARC		 ·	TION FEES	
Application Type		Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
	300			7.7	600	300	
Reissue		150	500	250		-	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM F Fee Description	EES					Fee (\$)	Small Entity Fee (\$)
Each claim over 20	(including F	teissues)				50	25
Each independent cl	•	· ·	ues)			200	100
Multiple dependent	claims					360	180
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HP = highest number of independent claims paid for, if greater than 3.							
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listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)							
100 = / 50 (round up to a whole number) x =							
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)							
Other (e.g., late filing surcharge): Request Certificate of Correction					100.00		

SUBMITTED BY			
Signature	Colonator block	Registration No. (Attorney/Agent) 41,526	Telephone 3027291562
Name (Print/Type)	Winston Hsu		Date MAY 2 2 2000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.:

US 6,955,929 B2

Issue Date:

10/18/2005

Inventors:

Cheng-Tung Huang et al.

Examiner:

NGUYEN, TUAN H

App. No.:

10/709,236

Filing Date:

04/23/2004

Art Unit:

2813

Docket No.:

NAUP0464USA

Title:

METHOD OF MEASURING A GATE CHANNEL LENGTH OF A

METAL-OXIDE SEMICONDUCTOR TRANSISTOR

To:

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

Subject:

Petition under 37 CFR 1.183 and

Request for Certificate of Correction under 37 CFR 1.323

Dear Sir,

Upon reviewing the cover page of the above-identified patent, it is noticed that the inventorship is incorrect, because the third inventor Chien-Chieh Huang was missed (Attachment 1). The undersigned agent missed to list Chien-Chieh Huang as one of the actual inventors while filing the above-identified application. The actual inventors of the above-identified patent should be

Cheng-Tung Huang, Kao-Hsiung (TW);

Sheng-Hao Lin, Hsin-Chu Hsien (TW);

Chien-Chieh Huang, Taipei City (TW)

Nien-Chung Li, Hsin-Chu (TW);

Yi-Cheng Sheng, Hsin-Chu (TW)

Failure to provide correct inventorship was inadvertent, but without any deceptive intention. The undersigned agent submitted the Recordation form cover 6955929 00000045 503105

sheet and the assignment document and the request to correct inventorship under 37 CFR 1.324 to the USPTO on 01/17/2006. The assignment document was recorded on 01/17/2006 and Chien-Chieh Huang was added into the assignors successfully (Attachment 3). Although the processing fee for correcting inventorship in a patent was deducted from the deposit account no 50-3105 on 01/19/2006 (Attachment 2), Chien-Chieh Huang has not been added into the inventors so far. And the undersigned agent filed a status inquiry about the request to correct inventorship under 37 CFR 1.324 on 05/19/2006 (Attachment 4).

The undersigned agent hereby requests that a Certificate of Correction be issued under 37 CFR 1.323 and submits the fee \$100.00 set forth in 37 CFR 1.20(a) herewith. Please correct the inventorship and add Chien-Chieh Huang as the third inventor as soon as possible. Thank you.

Respectfully submitted,

Wu	who,	1 to	O.
Winston H	su Patent	Agent No.	41 526

Winston Hsu, Patent Agent No. 41,320

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

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D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)



(12) United States Patent Huang et al.

(10) Patent No.:

US 6,955,929 B2

(45) Date of Patent:

Oct. 18, 2005

(54) METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE SEMICONDUCTOR TRANSISTOR

(75) Inventors: Cheng-Tung Huang, Kao-Hsiung (TW); Sheng-Hao Lin, Hsin-Chu Hsien (TW); Nien-Chung Li, Hsin-Chu (TW); Yi-Cheng Sheng, Hsin-Chu (TW)

"Chien-Chieh Huang" as

Please add

- Thank you.

the third inventor (73) Assignee: United Microelectronics Corp., Hsin-Chu (TW)

(*) Notice:

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

Appl. No.: 10/709,236

Filed: (22)

Apr. 23, 2004

(65)

Prior Publication Data

US 2004/0214356 A1

Oct. 28, 2004

(30)Foreign Application Priority Data Apr. 25, 2003 (51) Int. Cl.⁷ H01L 21/66

438/199, 18; 257/48

References Cited (56)

U.S. PATENT DOCUMENTS

2003/0224545 A1* 12/2003 Chung et al 438/17

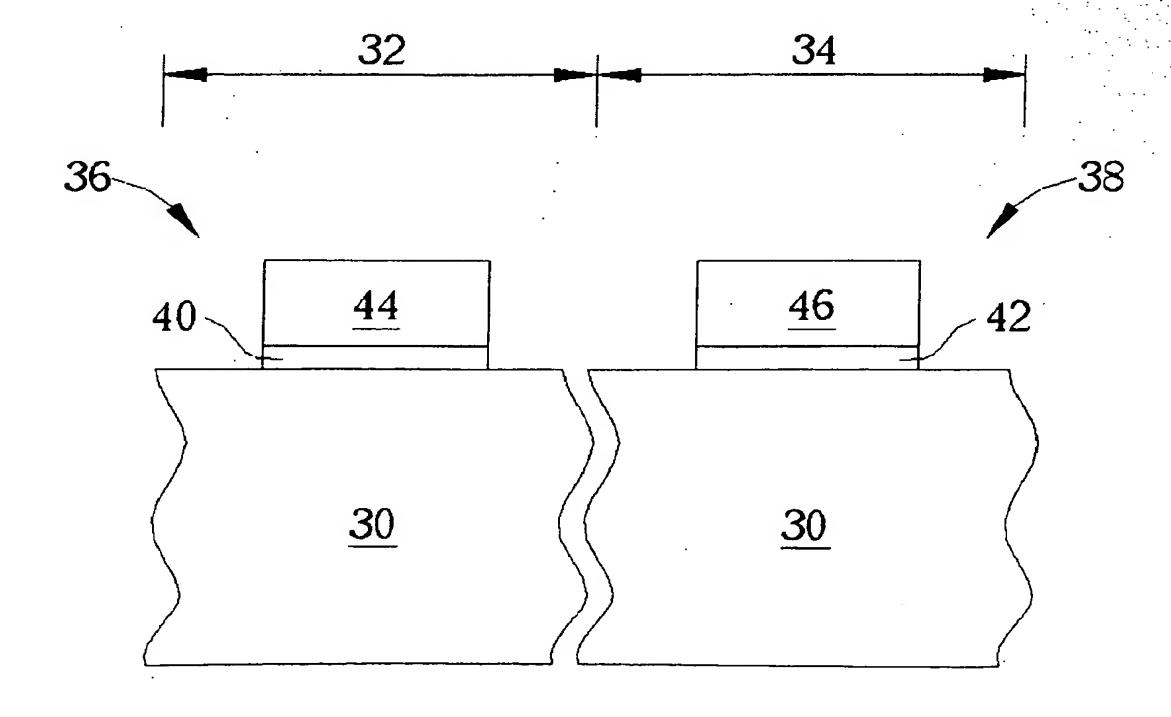
* cited by examiner

Primary Examiner—Tuan H. Nguyen (74) Attorney, Agent, or Firm-Winston Hsu

ABSTRACT (57)

A predetermined voltage is applied respectively on a first gate of a first metal-oxide semiconductor (MOS) transistor with a known channel length and a second gate of a second MOS transistor with an unknown channel length. A first inverse gate leakage current of the first MOS transistor and a second inverse gate leakage current of the second MOS transistor are then measured. By using the first and second inverse gate leakage currents, the channel widths of the first and the second gates, the channel length of the first gate and an equation, the channel length of the second gate is obtained...

19 Claims, 3 Drawing Sheets



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NAU-464

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RECORDATION DATE: 01/17/2006

REEL/FRAME: 017468/0752 V

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HUANG, CHENG-TUNG

DOC DATE: 12/13/2005

ASSIGNOR:

LIN, SHENG-HAO

DOC DATE: 12/13/2005

ASSIGNOR:

HUANG, CHIEN-CHIEH

DOC DATE: 12/13/2005

ASSIGNOR:

LI, NIEN-CHUNG

DOC DATE: 12/13/2005

ASSIGNOR:

SHENG, YI-CHENG

DOC DATE: 12/13/2005

017468/0752 PAGE 2

ASSIGNEE:

UNITED MICROELECTRONICS CORP.
NO. 3, LI-HSIN ROAD 2, SCIENCE-BASED PARK
HSIN-CHU CITY, TAIWAN R.O.C.

SERIAL NUMBER: 10709236 FILING DATE: 04/23/2004
PATENT NUMBER: 6955929 ISSUE DATE: 10/18/2005
TITLE: METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE

SEMICONDUCTOR TRANSISTOR

PAULA MCCRAY, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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Art Unit: 2813

Tel: (571) 272-1694 Fax: (571) 273-8300

From: Winston Hsu, Registration No. 41,526

Serial No.: 10/709,236

Attorney Docket No.: NAUP0464USA

Subject: Status Inquiry of Request to correct inventorsip

under 37 CFR 1.324

Total Pages: 7 pages (including cover page)

Winston Hau MAY 19 2008

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